

Docket No. 268522US0PCT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Hans-Georg LEMAIRE, et al.

SERIAL NO: New U.S. PCT Application Based on PCT/EP03/11326

GAU:

FILED: Herewith

EXAMINER:

FOR: METHOD FOR REMOVING HORN SUBSTANCES FROM ANIMAL SKIN

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

COMMISSIONER FOR PATENTS
ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

REFERENCES

- ☒ The applicant(s) wish to make of record the references listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

RELATED CASES

- ☐ Attached is a list of applicant's pending application(s), published application(s) or issued patent(s) which may be related to the present application. In accordance with the waiver of 37 CFR 1.98 dated September 21, 2004, copies of the cited pending applications are not provided. Cited published and/or issued patents, if any, are listed on the attached PTO form 1449.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

CERTIFICATION

- ☐ Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

DEPOSIT ACCOUNT

- ☒ Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

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Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 268522US0PCT		SERIAL NO. New U.S. PCT Application Based on PCT/EP03/11326	
LIST OF REFERENCES CITED BY APPLICANT				APPLICANT Hans-Georg LEMAIRE, et al.			
				FILING DATE Herewith		GROUP	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA	3 865 546	02/11/75	ZEMLIN, John C. et al.			
	AB	1,973,130	09/11/34	TURLEY, Harold G.			
	AC	4,472,569	09/18/84	GRAY, Roy A. et al.			
	AD						
	AE						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO		
	AF	03 097880	11/27/03	WO(with English abstract & equivalent of DE 102 23 012.9)			NO
	AG	29 17 376	11/13/80	DE(Equivalent of US 4,294,087)			NO
	AH	96 19590	06/27/96	WO			NO
	AI	1,126,252	11/19/56	FR			NO
	AJ	0 095 916	12/07/83	EP			NO
	AK	0 096 521	12/21/83	EP			NO
	AL	21 31 630	01/05/72	DE(with English abstract)			NO
	AM	96/19560	06/27/96	WO			NO
	AN						
	AO						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
	AP	HERFELD, "Bibliothek des Leders", vol. 2, page 62-167, 1998.					
	AQ	HEIDEMANN, E.: "Fundamentals of Leather Manufacturing", E. Roether KG Druckerei und Verlag, Darmstadt, page 165-218 and 253, 1993.					
	AR	THANIKAIVELAN, P.: "Development of A Lether Processing Method in Narrow pH Profile", Journal of the Society of Leather Technologist and Chemists, vol. 84, page 276-284, 2000.					
	AS	CLARA, S.: "Novel Unhairing Enzymes" Journal of BLC Leather Technology Center, page 83-85, May 2002.					
	AT	LEE, H.: "Characterization of a Keratinolytic Metalloprotease from Bacillus sp. SCB-3" Applied Biochemistry and Biotechnology, Vol.97, page 123-133, 2002.					
	AU	YAMAMURA, Shohei: "Keratin degradation: a cooperative action of two enzymes from Stenotrophomonas sp." Biochemical and Biophysical Research Communications, vol. 294, no. 4, page 1138-1143, 2002.					
	AV	ROZS, M.: "Fermentation characteristics and secretion of proteases of a new keratinolytic strain of Bacillus licheniformis" Biotechnology Letter, vol. 23, page 1925-1929, 2001.					
	AW	BOECKLE, Brigitte: "Characterization of a Keratinolytic Serine Proteinase from Streptomyces pactum DSM 40530" Applied and Environmental Microbiology, vol. 61, no. 10, page 3705-3710, October 1995.					
	AX	KUNERT, J.: "Effect of reducing agents on proteolytic and keratinolytic activity of enzymes of Microsporum gypseum" Mycoses, vol. 35, page 343-348, 1992.					
	AY	HINSHELWOOD, Sir Cyril: Journal of The Chemical Society, page 248-255, 1949.					
	AZ						<input type="checkbox"/> Additional References sheet(s) attached
Examiner					Date Considered		
*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

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STATEMENT OF RELEVANCY

- 1) References AA, AF-AH have been cited in the International Search Report. Copies of these references are being submitted herewith only when not automatically provided by the International Searching Authority.
- 2) References _____ have been cited in the corresponding _____ Search Report. A copy of these references is being submitted herewith.
- 3) References AI-AM & AP-AY are discussed in the specification. A copy of these references is being submitted here with.
- 4) Reference _____ is additional prior art known to Applicant. A copy of these references is being submitted herewith.